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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/696,452

DATE: 09/17/2004

TIME: 09:00:59

Input Set : N:\Crf3\RULE60\10696452.raw.txt

Output Set: N:\CRF4\09172004\J696452.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

- 2 (i) APPLICANT: Sapolsky, Ronald
 3 Lipshutz, Robert J.
 4 Gingeras, Thomas R.
 5 (ii) TITLE OF INVENTION: Capturing Sequences Adjacent to
 6 Type-IIS Restriction Sites for Genomic Library Mapping
 7 (iii) NUMBER OF SEQUENCES: 17

8 (iv) CORRESPONDENCE ADDRESS:

- 9 (A) ADDRESSEE: Townsend and Townsend and Crew
 10 (B) STREET: One Market Plaza, Steuart Tower, Suite 2000
 11 (C) CITY: San Francisco
 12 (D) STATE: California
 13 (E) COUNTRY: USA
 14 (F) ZIP: 94105

15 (v) COMPUTER READABLE FORM:

- 16 (A) MEDIUM TYPE: Floppy disk
 17 (B) COMPUTER: IBM PC compatible
 18 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 19 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

20 (vi) CURRENT APPLICATION DATA:

- C--> 21 (A) APPLICATION NUMBER: US/10/696,452
 C--> 22 (B) FILING DATE: 29-Oct-2003
 23 (C) CLASSIFICATION:

24 (vii) PRIOR APPLICATION DATA:

- W--> 25 (A) APPLICATION NUMBER: US/09/412,246
 26 (B) FILING DATE: 05-Oct-1999
 W--> 27 (A) APPLICATION NUMBER: 08/485,606
 28 (B) FILING DATE:

29 (viii) ATTORNEY/AGENT INFORMATION:

- 30 (A) NAME: Norviel, Vernon A.
 31 (B) REGISTRATION NUMBER: 32,483
 32 (C) REFERENCE/DOCKET NUMBER: 16528X-011810

33 (ix) TELECOMMUNICATION INFORMATION:

- 34 (A) TELEPHONE: 415-326-2400
 35 (B) TELEFAX: 415-326-2422

36 (2) INFORMATION FOR SEQ ID NO: 1:

37 (i) SEQUENCE CHARACTERISTICS:

- 38 (A) LENGTH: 15 base pairs
 39 (B) TYPE: nucleic acid
 40 (C) STRANDEDNESS: single
 41 (D) TOPOLOGY: linear

W--> 42 (ii) MOLECULE TYPE: DNA (probe)

ENTERED

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43      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
44      CTCTTCTTAA GCGTC
46 (2) INFORMATION FOR SEQ ID NO: 2:
47      (i) SEQUENCE CHARACTERISTICS:
48          (A) LENGTH: 11 base pairs
49          (B) TYPE: nucleic acid
50          (C) STRANDEDNESS: double
51          (D) TOPOLOGY: linear
W--> 52      (ii) MOLECULE TYPE: DNA (oligonuceptide)
53      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
54      CTCTTCNNNN N
56 (2) INFORMATION FOR SEQ ID NO: 3:
57      (i) SEQUENCE CHARACTERISTICS:
58          (A) LENGTH: 11 base pairs
59          (B) TYPE: nucleic acid
60          (C) STRANDEDNESS: single
61          (D) TOPOLOGY: linear
W--> 62      (ii) MOLECULE TYPE: DNA (probe)
63      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
64      NNNNNGAAGA G
66 (2) INFORMATION FOR SEQ ID NO: 4:
67      (i) SEQUENCE CHARACTERISTICS:
68          (A) LENGTH: 15 base pairs
69          (B) TYPE: nucleic acid
70          (C) STRANDEDNESS: single
71          (D) TOPOLOGY: linear
W--> 72      (ii) MOLECULE TYPE: DNA (probe)
73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
74      CTGCGNNNNC TTCTC
76 (2) INFORMATION FOR SEQ ID NO: 5:
77      (i) SEQUENCE CHARACTERISTICS:
78          (A) LENGTH: 15 base pairs
79          (B) TYPE: nucleic acid
80          (C) STRANDEDNESS: double
81          (D) TOPOLOGY: linear
W--> 82      (ii) MOLECULE TYPE: DNA (oligonuceptide)
83      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
84      CTCTTCNNNN GCGTC
86 (2) INFORMATION FOR SEQ ID NO: 6:
87      (i) SEQUENCE CHARACTERISTICS:
88          (A) LENGTH: 15 base pairs
89          (B) TYPE: nucleic acid
90          (C) STRANDEDNESS: single
91          (D) TOPOLOGY: linear
W--> 92      (ii) MOLECULE TYPE: DNA (probe)
93      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
94      GACGCNNNNG AAGAG
96 (2) INFORMATION FOR SEQ ID NO: 7:
97      (i) SEQUENCE CHARACTERISTICS:

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Output Set: N:\CRF4\09172004\J696452.raw

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98      (A) LENGTH: 10 base pairs
99      (B) TYPE: nucleic acid
100     (C) STRANDEDNESS: single
101     (D) TOPOLOGY: linear
W--> 102  (ii) MOLECULE TYPE: DNA (probe)
103      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
104      GACGCNNNNG
106  (2) INFORMATION FOR SEQ ID NO: 8:
107      (i) SEQUENCE CHARACTERISTICS:
108          (A) LENGTH: 15 base pairs
109          (B) TYPE: nucleic acid
110          (C) STRANDEDNESS: single
111          (D) TOPOLOGY: linear
W--> 112  (ii) MOLECULE TYPE: DNA (probe)
113      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
114      GACGCNNNNG AAGAG
116  (2) INFORMATION FOR SEQ ID NO: 9:
117      (i) SEQUENCE CHARACTERISTICS:
118          (A) LENGTH: 10 base pairs
119          (B) TYPE: nucleic acid
120          (C) STRANDEDNESS: single
121          (D) TOPOLOGY: linear
W--> 122  (ii) MOLECULE TYPE: DNA (probe)
123      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
124      CTCTTCNNNN
126  (2) INFORMATION FOR SEQ ID NO: 10:
127      (i) SEQUENCE CHARACTERISTICS:
128          (A) LENGTH: 10 base pairs
129          (B) TYPE: nucleic acid
130          (C) STRANDEDNESS: single
131          (D) TOPOLOGY: linear
W--> 132  (ii) MOLECULE TYPE: DNA (probe)
133      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
134      NNNNGAAGAG
136  (2) INFORMATION FOR SEQ ID NO: 11:
137      (i) SEQUENCE CHARACTERISTICS:
138          (A) LENGTH: 14 base pairs
139          (B) TYPE: nucleic acid
140          (C) STRANDEDNESS: single
141          (D) TOPOLOGY: linear
W--> 142  (ii) MOLECULE TYPE: DNA (probe)
143      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
144      GAGGAGNNNN NNNN
146  (2) INFORMATION FOR SEQ ID NO: 12:
147      (i) SEQUENCE CHARACTERISTICS:
148          (A) LENGTH: 14 base pairs
149          (B) TYPE: nucleic acid
150          (C) STRANDEDNESS: single
151          (D) TOPOLOGY: linear

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TIME: 09:00:59

Input Set : N:\Crif3\RULE60\10696452.raw.txt

Output Set: N:\CRF4\09172004\J696452.raw

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W--> 152      (ii) MOLECULE TYPE: DNA (probe)
      153      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
      154      NNNNNNNNC TCCTC
      156 (2) INFORMATION FOR SEQ ID NO: 13:
      157      (i) SEQUENCE CHARACTERISTICS:
      158          (A) LENGTH: 19 base pairs
      159          (B) TYPE: nucleic acid
      160          (C) STRANDEDNESS: single
      161          (D) TOPOLOGY: linear
W--> 162      (ii) MOLECULE TYPE: DNA (probe)
      163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
      164      GGATGNNNNN NNNCTCCTC
      166 (2) INFORMATION FOR SEQ ID NO: 14:
      167      (i) SEQUENCE CHARACTERISTICS:
      168          (A) LENGTH: 19 base pairs
      169          (B) TYPE: nucleic acid
      170          (C) STRANDEDNESS: single
      171          (D) TOPOLOGY: linear
W--> 172      (ii) MOLECULE TYPE: DNA (probe)
      173      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
      174      GAGGAGNNNN NNNNCATCC
      176 (2) INFORMATION FOR SEQ ID NO: 15:
      177      (i) SEQUENCE CHARACTERISTICS:
      178          (A) LENGTH: 18 base pairs
      179          (B) TYPE: nucleic acid
      180          (C) STRANDEDNESS: single
      181          (D) TOPOLOGY: linear
W--> 182      (ii) MOLECULE TYPE: DNA (probe)
      183      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
      184      AGGAGNNNNN NNNCATCC
      186 (2) INFORMATION FOR SEQ ID NO: 16:
      187      (i) SEQUENCE CHARACTERISTICS:
      188          (A) LENGTH: 14 base pairs
      189          (B) TYPE: nucleic acid
      190          (C) STRANDEDNESS: single
      191          (D) TOPOLOGY: linear
W--> 192      (ii) MOLECULE TYPE: DNA (probe)
      193      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
      194      GGATGNNNNN NNNC
      196 (2) INFORMATION FOR SEQ ID NO: 17:
      197      (i) SEQUENCE CHARACTERISTICS:
      198          (A) LENGTH: 18 base pairs
      199          (B) TYPE: nucleic acid
      200          (C) STRANDEDNESS: single
      201          (D) TOPOLOGY: linear
W--> 202      (ii) MOLECULE TYPE: DNA (probe)
      203      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
      204      GGATGNNNNN NNNCTCCT

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RAW SEQUENCE LISTING ERROR SUMMARY

PATENT APPLICATION: US/10/696,452

DATE: 09/17/2004

TIME: 09:01:00

Input Set : N:\Crf3\RULE60\10696452.raw.txt

Output Set: N:\CRF4\09172004\J696452.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6
Seq#:11; Line(s) 144
Seq#:12; Line(s) 154
Seq#:13; Line(s) 164
Seq#:14; Line(s) 174
Seq#:15; Line(s) 184
Seq#:16; Line(s) 194
Seq#:17; Line(s) 204

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/696,452

DATE: 09/17/2004

TIME: 09:01:00

Input Set : N:\Crf3\RULE60\10696452.raw.txt

Output Set: N:\CRF4\09172004\J696452.raw

L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:27 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:42 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:52 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:62 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:72 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:82 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:92 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:102 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:112 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:122 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:132 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10
L:142 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11
L:152 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12
L:162 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13
L:172 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=14
L:182 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=15
L:192 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=16
L:202 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=17